

# Tree Facts

Serving Size: 1 Each

in DBH

Species:

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Amount Per Serving

**Carbon sequestered**      lbs      avoided      lbs

% Annual Value\*

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**Total Carbon**      lbs

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**O3** \$

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**VOC**(Volatile Organic Compounds) \$

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**NO2**(Deposited) \$

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**NO2**(Avoided) \$

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**SO2**(Deposited) \$

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**SO2**(Avoided) \$

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**PM10**(Deposited) \$

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**PM10**(Avoided) \$

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Conserved Kilowatt/hours Kwh

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Reduced oil/natural gas consumption therm(s)

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**Stormwater intercepted** gallons

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Property value increase \$

Natural Gas \$

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Stormwater \$

Electricity \$

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\*It should be noted that trees themselves emit biogenic volatile organic compounds (BVOCs) which can contribute to ground-level ozone production. This may negate the positive impact the tree has on ozone mitigation for some high emitting species (e.g. Willow Oak or Sweetgum). However, the sum total of the tree's environmental benefits always trumps this negative.

Source  
[www.treebenefits.com/calculator/ReturnValues.cfm?climatezone=Northeast](http://www.treebenefits.com/calculator/ReturnValues.cfm?climatezone=Northeast)

USDA Forest Service's Center for Urban Forest Research

i-Tree Tools CD ROM: <http://www.itreetools.org/>



[www.itreetools.org](http://www.itreetools.org)